

Rec'd PCT/PTO

31 OCT 2000

FORM PTO-1390  
(REV 5-93)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.  
100564-00035

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

DATE: October 31, 2000

U.S. APPLN. NO.  
(IF KNOWN, SEE 37 CFR 1.5)

09/673645

INTERNATIONAL APPLICATION NO.  
PCT/EP99/03527

INTERNATIONAL FILING DATE  
21 May 1999


PRIORITY DATE CLAIMED  
22 May 1998, 13 April 1999

TITLE OF INVENTION: DETECTION OF ANTIBIOTIC RESISTANCES IN MICROORGANISMS

APPLICANT(S) FOR DO/EO/US: Rainer HAAS, Karlheinz TREBESIUS, Heiko APPEL

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.  
(THE BASIC FILING FEE IS ATTACHED)
  2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
  3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT articles 22 and 39(1).
  4. ☒ A proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
  5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
    - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☒ has been transmitted by the International Bureau.
    - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
  6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
  7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
    - a. ☒ are transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☐ have been transmitted by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    - d. ☐ have not been made and will not be made.
  8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
  9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
  10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11. to 16. below concern other document(s) or information included:
11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
  12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
  13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
  14. ☐ A substitute specification.
  15. ☐ A change of power of attorney and/or address letter.
  16. ☒ Other items or information: PCT/IB/306, PCT/IEPA/416, PCT/IEPA/409, PCT/ISA/210, PCT/RO/105, PCT/RO/101, Small Entity Declaration

CHECK NO. 803870  
1 sheet formal Drawing

U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.50) <b>09/673645</b>		INTERNATIONAL APPLICATION NO. PCT/EP99/03527		ATTORNEY DOCKET NO. P100564-00035	
				DATE: October 31, 2000	
17. XX. The following fees are submitted: <b>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</b> Search Report has been prepared by the EPO or JPO. .... \$860.00 International preliminary examination fee paid to USPTO (37 CFR 1.492) ... \$690.00 No international preliminary examination fee paid to USPTO (37 CFR 1.492) but international search fee paid to USPTO (37 CFR 1.492(a)(2)) ..... \$710.00 Neither international preliminary examination fee (37 CFR 1.492) or international search fee (37 CFR 1.492(a)(3)) paid to USPTO ..... \$1,000.00 International preliminary examination fee paid to USPTO (37 CFR 1.492) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$ 100.00				CALCULATIONS PTO USE ONLY	
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				\$860	
Surcharge of \$130.00 for furnishing the oath or declaration later than _ 20 _ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$00	
Claims	Number Filed	Number Extra	Rate		
Total Claims	51-20 =	31	X \$ 18.00	<del>\$559</del>	
Independent Claims	08- 3 =	05	X \$ 80.00	\$400	
Multiple dependent claim(s) (if applicable)			+ \$270.00	\$00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$1,818	
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).				\$909	
<b>SUBTOTAL =</b>				\$909	
Processing fee of \$130.00 for furnishing the English translation later the _ 20 _ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$00	
<b>TOTAL NATIONAL FEE =</b>				\$909	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$40	
<b>TOTAL FEES ENCLOSED =</b>				\$949	
				Amount to be refunded	\$
				Charged	\$
<p>a. <u>XX</u> A check in the amount of <u>\$949</u> to cover the above fees is enclosed.</p> <p>b. <u>  </u> Please charge my Deposit Account No. <u>01-2300</u> in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <u>XX</u> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>01-2300</u>.</p> <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Arent Fox Kintner Plotkin &amp; Kahn PLLC 1050 Connecticut Avenue, N.W., Suite 600 Washington, D.C. 20036 Telephone No. (202) 857-6000</p>					
				 Robert B. Murray Reg. No. 22,980	

patent application serial no.

**09/673645**

Department of Commerce  
Patent and Trademark Office  
for record

11/03/2000 AGIZAW 00000016 09673645

01 FC:971	430.00	DP
02 FC:967	279.00	DP
03 FC:965	200.00	DP